

Amendments to the Claims

Please add new Claims 15 and 16 to read as follows.

Claims 1 and 2 (cancelled)

3. (Previously presented) An ink-jet recording apparatus comprising a low-penetrable ink which tends to accumulate an ink component on an ink-absorbing member, and a high-penetrable ink which less tends to accumulate an ink component on the ink-absorbing member, wherein the ink-jet recording apparatus is so controlled as to gradually decrease the amount of the low-penetrable ink to be applied and as to gradually increase the amount of the high-penetrable ink to be applied toward an edge of a recording medium when forming an image even in a peripheral area of a recording medium including the edge thereof.

4. (Original) The ink-jet recording apparatus according to claim 3, wherein the low-penetrable ink is a pigment ink, and the high-penetrable ink is a dye ink.

Claim 5 (cancelled)

6. (Previously presented) An ink-jet recording process comprising at least one of the steps of: (i) applying a low-penetrable ink which tends to accumulate an ink component on an ink-absorbing member; and (ii) applying a high-penetrable ink which

less tends to accumulate an ink component on the ink-absorbing member, wherein an image is formed by controlling the step (i) so as to gradually decrease the amount of the low-penetrable ink to be applied and by controlling the step (ii) so as to gradually increase the amount of the high-penetrable ink to be applied toward an edge of a recording medium when forming the image even in a peripheral area of the recording medium including the edge thereof.

Claims 7-10 (cancelled)

11. (Previously presented) An ink-jet recording apparatus having an ejecting portion capable of ejecting a pigment ink and a dye ink, comprising:

a recording controlling portion capable of conducting margin-free recording for carrying out recording by ejecting ink even to a peripheral area of a recording medium including an edge of the recording medium; and

an ink-absorbing member for receiving the ink ejected in conducting the margin-free recording,

wherein the recording controlling portion controls the ejection of ink in the margin-free recording so that an amount of the pigment ink to be used is gradually decreased toward the edge of the recording medium and an amount of the dye ink to be used is gradually increased toward the edge of the recording medium, when the margin-free recording is conducted.

12. (Withdrawn) An ink-jet recording apparatus comprising:
a recording controlling portion capable of conducting margin-free recording for carrying out recording by ejecting ink to a peripheral area of a recording medium including an edge of the recording medium and an inner area inside the peripheral area; and
an ink-absorbing member for receiving the ink ejected in conducting the margin-free recording,

wherein the recording controlling portion controls the margin-free recording so as to permit the use of a pigment ink and a dye ink at the inner area and the use of only the dye ink at the peripheral area, when the margin-free recording is conducted.

13. (Previously presented) An ink-jet recording method which is performed in an ink-jet recording apparatus having an ink-absorbing member for receiving ink that is ejected in conducting margin-free recording in which the ink is ejected even to a peripheral area of a recording medium including an edge of the recording medium, comprising the steps of:

providing an ejecting portion capable of ejecting a pigment ink and a dye ink;

judging whether the margin-free recording is to be conducted or not; and

controlling the ejection of ink in the margin-free recording so as to gradually decrease an amount of the pigment ink to be used toward the edge of the recording medium and as to gradually increase an amount of the dye ink to be used toward the edge of the recording medium, when the margin-free recording has been judged to be conducted.

14. (Withdrawn) An ink-jet recording method comprising:

conducting margin-free recording for carrying out recording by ejecting ink to a peripheral area of a recording medium including an edge of the recording medium and an inner area inside the peripheral area,

wherein use of a pigment ink and a dye ink at the inner area is permitted and use of only the dye ink at the peripheral area is permitted, when the margin-free recording is conducted.

15. (New) An ink-jet recording apparatus comprising:

a recording controlling portion capable of conducting margin-free recording in which recording is effected by ejecting ink to a peripheral area of a recording medium including an edge of the recording medium and an inner area within the peripheral area; and

an ink-absorbing member for receiving the ink ejected in conducting the margin-free recording,

wherein said recording controlling portion controls the margin-free recording so as to use a smaller amount of a pigment ink for the peripheral area of the recording medium than for the inner area of the recording medium, when the margin-free recording is conducted.

16. (New) An ink-jet recording method comprising the steps of:

conducting margin-free recording in which recording is effected by ejecting ink to a peripheral area of a recording medium including an edge of the recording medium and an inner area within the peripheral area,

wherein the margin-free recording is conducted so as to use a smaller amount of a pigment ink for the peripheral area of the recording medium than for the inner area of the recording medium.